

Work Order ID 96307

January 23, 2013 7:56:28 AM

96307

Page 1

Item ID: D3628-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Cupped Washer

Stop

NS2

Start Date: 1/23/13 Start Qty: 200.00

200

Cust Item ID:

Required Date: 2/15/13 Req'd Qty: 200.00

200

Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 13/01/23 Tooling:

Date:

Run Start

NR1

QC:

Date: SPC (Y/N):

Date:

Stop

NR2

Draw Center ID	Operation Description	Set Up Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
----------------	-----------------------	------------------	---------	--------	-----------	------------	------------	---------------	-------------

Draw Nbr

Revision Nbr

D3628

C

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O:

18967

Email or Ship DXF file to vendor

Laser Cut D3628-1 flat pattern and form as per Dwg D3628

Possible Supplier: GFI

Material release note is required

CL 13/01/23 (200)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

(43/2/13 (200))

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Work Order ID 96307

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Page 2

January 23, 2013 7:56:28 AM

Item ID: D3628-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cupped Washer

Start Date: 1/23/13 Start Qty: 200.00

200

Cust Item ID:

Required Date: 2/15/13 Req'd Qty: 200.00

200

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00

Shp

120

QC

Memo

0.00

130 19

Quality Control

200

130

Identify as per dwg & Stock Location: *8060* 0.00

130

Packaging

Memo

0.00

Packaging

200x

SP
13-2-20

140

QC21- Final Inspection - Work Order Release 0.00

140

QC

Memo

0.00

Quality Control

ML5 13-02-21

13-02-20

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other _____		

Picklist Print

January 23, 2013 7:56:27 AM

Page 1

Work Order ID: 96307

Parent Item: D3628-1

Parent Item Name: Cupped Washer

Start Date: 1/23/13

Required Date: 2/15/13

Start Qty: 200.00

Required Qty: 200.00

Comments: IPP Rev:A New Issue 07-05-28 JLM
IPP Rev:B Removed Powder 07-07-11 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3628-1P CUPPED WASHER		Purchased	No			110	Each	0.0000	1	200			

1/23/13 200

NCR: Yes / No

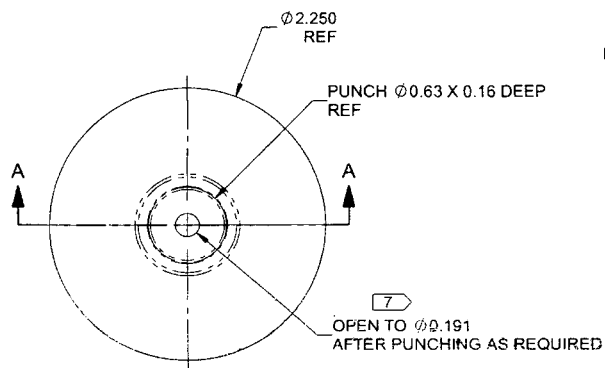
WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

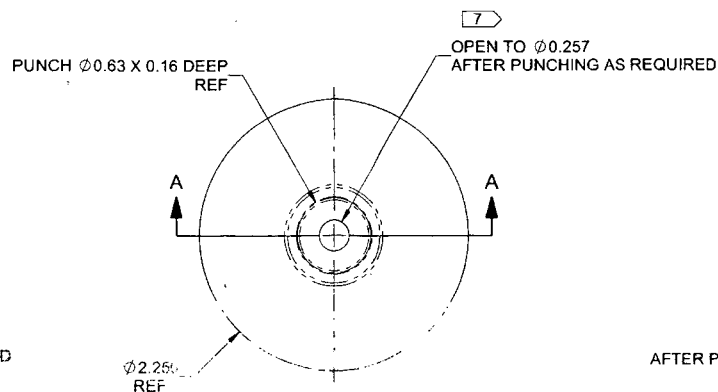
QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION <div style="display: flex; justify-content: space-around;"> Rework <input type="checkbox"/> Skid-tube <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Scrap <input type="checkbox"/> Machining <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Use-as-is <input type="checkbox"/> Thermoforming <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Work Order Update <input type="checkbox"/> Large Fab <input type="checkbox"/> </div>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

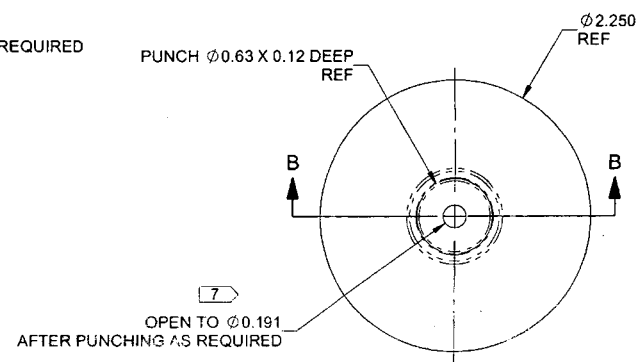
FAULT CATEGORY			
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other



D3628-1 CUPPED WASHER



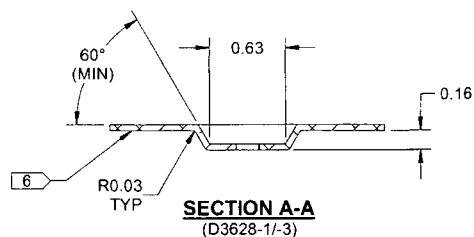
D3628-3 CUPPED WASHER



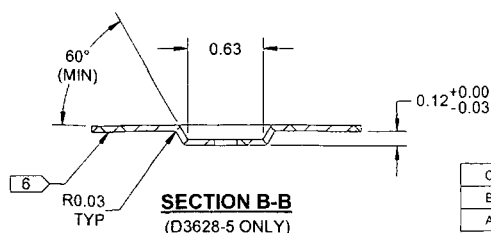
D3628-5 CUPPED WASHER

CL 1310123

W10.96307



SECTION A-A
(D3628-1/3)



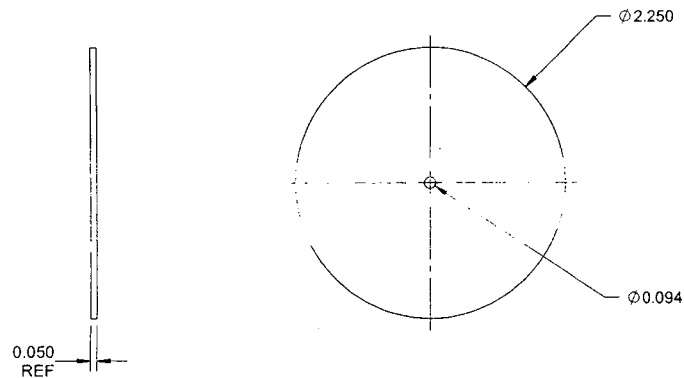
SECTION B-B
(D3628-5 ONLY)

NOTES:

- 1) MATERIAL: MADE FROM D3628-1F
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.5
- 7) WHEN DRILLING OUT THE CENTRE HOLE AFTER PUNCHING, ENSURE THAT THE HOLE IS DRILLED CONCENTRIC TO THE CUPPED AREA, WITHIN 0.03
- 8) WEIGHT: 0.02 lbs

RELEASE
2012-05-07

C	UPDATE DWG TO CURRENT STD, ADD -5, ZN C1-1.	DC	12.04.19
B	REMOVE POWDER COAT	CB	07.07.09
A	NEW ISSUE	CB	07.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	BE	DRAWING NO.	REV. C
MFG. APPR.	BE	D3628	SHEET 1 OF 2
APPROVED	ND	TITLE	SCALE
DE APPR.	HA	CUPPED WASHER	NTS
DATE	12.04.19	<small>COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	



D3628-1F FLAT PATTERN

RELEASED
2012-05-07
MP

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 18 GAUGE (0.050 THICK)
ANNEALED, 2B FINISH
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240
REF DART SPEC M304S18GA
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.02 lbs

DESIGN	DC	DART AEROSPACE LTD	
DRAWN	DC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	EB	DRAWING NO.	REV. C
MFG. APPR.	EB	D3628	SHEET 2 OF 2
APPROVED	MP	TITLE	SCALE
DE APPR.	MP	CUPPED WASHER	NTS
DATE	12.04.19	<small>COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18907**

Purchase Order Date 1/23/13

PO Print Date 1/23/13

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone

514 630 4877

Vendor Fax

514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
01/30/13

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3628-1P	CUPPED WASHER	2/15/13 Yes	200.00 Each	FedEx PI collect	\$2.7500	\$550.00
Special Inst:			AS PER DWG D3628 REV. C B96307				
2	D3628-3P	CUPPED WASHER	2/15/13 Yes	500.00 Each	FedEx PI collect	\$2.6500	\$1,325.00
Special Inst:			AS PER DWG D3628 REV. C B96308				
3	D3628-5P	CUPPED WASHER	2/15/13 Yes	500.00 Each	FedEx PI collect	\$2.6500	\$1,325.00
Special Inst:			AS PER DWG D3628 REV. C B96309				

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PO Total:

\$3,200.00

Change Nbr: 1

Change Date: 1/23/13

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO		PAGE
JR - DY	MO - MO	AN - YR			
15	02	13	0507455		1/1



VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR / SHIP VIA
DART	GFI-0299	PO18907	
QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO	DESCRIPTION	

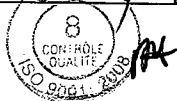
200 D3628-1P

CUPPED WASHER

ITEM 1
C OF C REQ'D

MFG. JOB# J0262873-001 QTY 200 pcs

DUE DATE: 15 February 2013



REÇU PAR / RECEIVED BY

DATE

EXPÉDITEUR / SHIPPER

N° DE BON DE LIVRAISON / SHIPPING MEMO NO



TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	10	OUR JOB NO	J0262873	SHIPPING MEMO	0507455	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
	200 PCS	PO18907	D3628-1P	C	CUPPED WASHER	C
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
AMS 5513 304 ANN		TW METALS / ALLEGHENY LUDLUM		H/N 980065		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER J0262873-001 (200 PCS)		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 15 FEBRUARY 2013

G.F.I. Q.C. REP.

Robert H. H.
GFI



ORDER NO.: 03306283

FROM: CINC

PAGE 1

CUST NUMBER: 1203148

SOLD TO:

GFI INC
180 AVE. LABROSSE
POINTE CLAIRE QC
CANADA

NET WGT:

252.000

REQ. DATE: 02/06/13 CONFIRMED

SHIP TO:

GFI INC
180 AVE LABROSSE
PIONTE CLAIR QC
CANADA

CN H9R 1A1

CN H9R 1A1

SALESPERSON:

DEANNA PIMM

TERMS:

1% 10 NET 30

F.O.B.:

SHIPPING POINT

CUST ORD NO.:

0081864

SHIP BY:

01/30/13

VIA:

ROADWAY EXPRES

FREIGHT:

COLLECT

RELEASE NO.:

RECEIVING PHONE:

514 630-4877

WIDTH

LENGTH

LINE ITEM DESCRIPTION

0001 51073 304 S/S SHEET * AMS 5513 .050

QTY:

4.000 EA

WT:

252.000 PC:

36

120

PART#: TS050361204A

4 SHP:

4.000 EA

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99

Export License: NLR

PO: 49282420 HT: 980065

PC: 4

Expiration Date: 0/00/00

MLT: UNITED STATES

MFG: UNITED STATES

SLB/CL: TEST#8797948

SHIP VIA YELLOW COLLECT

CLEAR CUSTOMS THRU CONSIGNEE'S BROKER: DHL GLOBAL FORWARDING
ISABELLE 514-734-4534 OR SYLVAIN 514-734-4527
FAX 514-344-8705

TW METALS

ORDER NO.: 03306283

FROM: CINC

CUST NUMBER: 1203148 NET WGT:

252.000 REQ. DATE: 02/06/13 CONFIRMED

SOLD TO:

SHIP TO:

GFI INC
180 AVE. LABROSSE
POINTE CLAIRE QC
CANADA

GFI INC
180 AVE LABROSSE
PIONTE CLAIR QC
CANADA

CN H9R 1A1

CN H9R 1A1

SALESPERSON:

DEANNA PIMM

TERMS:

1% 10 NET 30

F.O.B.:

SHIPPING POINT

SHIP BY:

01/30/13

CUST ORD NO.:

0081864

7640 REINHOLD DR
CINCINNATI

OH 45237

VIA:

ROADWAY EXPRES

FREIGHT:

COLLECT

RELEASE NO.:

RECEIVING PHONE: 514 630-4877

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 1/30/13

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Version contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORD. NO. & DATE

M 49282420

FORMS DISTRIBUTION
SOLD TO 4 SHIP TO 1 SPEC 1

TW METALS INC
PO BOX 644
EXTON

08/23/12

CUST. CODE
974093

VANDERGRIFF, PA.

SHIPPER NO.

556118

PRODUCT CODE

13020102060000

MILL ORDER NUMBER

30-082-537

DATE SHIPPED

10/15/12

INVOICE

659294

OH 44224

GRADE AND SPECIFICATIONS
"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (AMS 5513J) (ASTM-A-666-10) (ASME-SA-240 ED 2010) (ASTM-A-240-12) (CP49-7.4.2-005 REV 7) (6/14/12 EXCEPT TO CP49-7.4.2-005)
DIN EN 10204:2005 - 3.1 CERTIFICATE DOES NOT INDICATE PED APPROVAL FOR THIS MATERIAL.
ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.
MATERIAL IS OF USA MELT AND MANUFACTURE.
NO WELDS/WELD REPAIRS PERFORMED.

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 20 DATED 02/24/2012.

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:
C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
PB, BI, AG BY GFAA

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:
1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

PAGE 02 - CONTINUED ON PAGE 03

CONSIGNEE- Please Note- The consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the order contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf - Director, Corporate Quality Assurance

TW METALS

M49282420R

OCT 17 2012

ACCEPTED BY

10/15/12 09:28:34

FROM:

10/15/12 09:28:34

NOTICE OF SHIPMENT/
PACKING LIST

CUST. ORD. NO. & DATE

M 49282420

FORMS DISTRIBUTION

SOLD TO → 4 SHIP TO → 1
SOLD TO
TW METALS INC
PO BOX 644
EXTON

08/23/12
PA 19341

CUST. CODE

974093



ACCEPTING MILL

VANDERGRIFF, PA.

REPEAT ORDER 95434-1
PRIME DSO
SEC. DSO
DO RATE 38
PRI. ORITY

SHIPPER NO

556118
GOVT CONTRACT

PRODUCT CODE

13020102060000
MATERIAL 1121 VANDERGRIFF

CERTIFICATE OF TEST

AL 6168-4 1211

MILL ORDER NUMBER

30-082-537

DATE SHIPPED

10/15/12

INVOICE

659294

SHIP TO
SPECIALTY METALS PROCESSING
837 SEASONS ROAD
STOW

OH 44224

GRADE AND SPECIFICATIONS

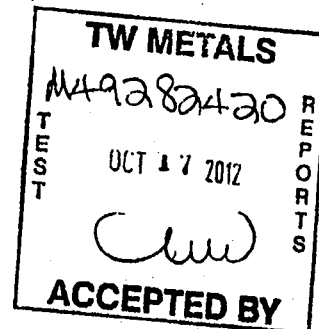
"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (AMS 5513J) (ASTM-A-666-10) (ASME-SA-240 ED 2010) (ASTM-A-240-12) (CP49-7.4.2-005 REV 7) (6/14/12 EXCEPT TO CP49-7.4.2-005)

CARRIER - STIVASON & SONS TRKG., INC

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059
TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT WWW.ALCEXTRA.COM



PAGE 03 - FINAL PAGE.

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10/15/12 09:28:34

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications listed herein in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf - Director, Corporate Quality Assurance